



**CITY OF LODI
COUNCIL COMMUNICATION**

AGENDA TITLE: Adopt Resolution Awarding Contract for Lockeford Street Water Main (Church Street to Sacramento Street) and Olive Court Water Main Replacement (Pleasant Avenue to Church Street) Project to Arrow Construction Company, of Ceres, (\$337,760) and Appropriating an Additional \$108,000 for the Project

MEETING DATE: October 19, 2005

PREPARED BY: Public Works Director

RECOMMENDED ACTION: That the City Council adopt a resolution awarding the contract for the above project to Arrow Construction, of Ceres, in the amount of \$337,760 and appropriate funds in accordance with the recommendation shown below.

BACKGROUND INFORMATION: This project continues the City's Infrastructure Replacement Program to rehabilitate existing water infrastructure in the oldest parts of the City. This project integrates two smaller projects (Lockeford Street Water Main and Olive Court Water Main Replacement), both budgeted in the 2005/2006 fiscal year. The limits of this project are reflected on the attached exhibit.

The project includes the installation of approximately 1,500 linear feet of 6-inch and 8-inch diameter water main and the abandonment of approximately 1,200 linear feet of existing 2-inch and 3-inch water main, including miscellaneous storm drain and surface improvements. The construction work is anticipated to take approximately three months.

Plans and specifications for this project were approved on July 20, 2005. On September 21, 2005, sealed bids were opened with the following results:

Bidder	Location	Bid
Engineering Estimate		\$298,720
Arrow Construction Company	Ceres, CA	\$337,760
Preston Pipelines, Inc.	Milpitas, CA	\$380,000

The bid received from Arrow Construction Company is compliant with the City's plans and specifications, and the bidder possesses the required valid contractor's license. A bid summary is attached.

Construction of this project is anticipated to start in November of this year. Inspection and construction management services will be performed by City Engineering staff. The work and materials associated with connecting the new water mains with the existing water mains will be performed by Water/Wastewater Division crews. Staff will provide project information to the public to inform the community about the construction schedule and project scope.

The estimate used to establish the budget appropriation was generated from concept level plans. As the plans were refined, changes in scope were required to accommodate the congested utility corridor and

APPROVED: 
Blair King, City Manager

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October 19, 2005
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railroad tracks within the Lockeford Street right-of-way. As an example, the new water line along Lockeford Street must be located below the sidewalk on the north side of the street, which added to the project cost. These changes in scope added cost to the estimates used to establish the budget appropriation.

The project estimate of \$325,000 reflected on the Council Communication to approve plans and specifications at the July 20, 2005 Council meeting included the Engineer's Estimate (\$298,720) plus a contingency of approximately 10%. It is anticipated the higher bid prices may be due to the current bidding climate.

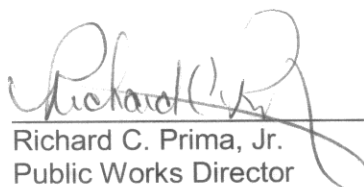
The difference between the contract and the requested appropriation includes funds for City-supplied water and wastewater materials, materials testing, and an allowance for contingencies arising from unforeseen changes in the work.

FISCAL IMPACT: The proposed improvements will increase water system performance and reliability, thereby reducing operations and maintenance costs.

FUNDING AVAILABLE:

2005/2006 Budget Appropriation:	\$150,000	Lockeford Street
	<u>\$122,000</u>	Olive Court
	\$272,000	Total Budget Appropriation
Additional Appropriation Requested:	<u>\$108,000</u>	
	\$380,000	Total Project Appropriation
Water Utility Capital Outlay Fund	\$350,000	(Includes additional appropriation of \$78,000)
Wastewater Utility Capital Outlay Fund	\$ 30,000	
Total Project Estimate:	\$380,000	


James R. Krueger, Finance Director


Richard C. Prima, Jr.
Public Works Director

Prepared by Charlie Swimley, Senior Civil Engineer

RCP/CES/pmf

Attachments

cc: Stephen Schwabauer, City Attorney
F. Wally Sandelin, City Engineer
Wes Fujitani, Senior Civil Engineer
Sharon Welch, Senior Civil Engineer
Paula Fernandez, Senior Traffic Engineer
Joel Harris, Purchasing Officer
Frank Beeler, Assistant Water/Wastewater Superintendent
George Bradley, Street Superintendent

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CITY OF LODI

PUBLIC WORKS DEPARTMENT

Lockeford Street Water Main
(Church St. to Sacramento St.)
Olive Court Water Main Replacement Project
(Pleasant Ave. to Church St.)



Item No.	Description	Unit	Quantity	Engineer's Estimate		Arrow Construction		Preston Pipelines	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
A	Miscellaneous								
1	Mobilization	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,270.00	\$ 5,270.00
2	Construction Photography	LS	1	\$ 800.00	\$ 800.00	\$ 700.00	\$ 700.00	\$ 500.00	\$ 500.00
3	Public Notification	LS	1	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 215.00	\$ 215.00
4	Sheeting, shoring, sloping, and bracing or equivalent method conforming to applicable safety	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 4,000.00	\$ 4,000.00	\$ 5,800.00	\$ 5,800.00
5	Storm Water Pollution Prevention Plan	LS	1	\$ 600.00	\$ 600.00	\$ 3,500.00	\$ 3,500.00	\$ 2,000.00	\$ 2,000.00
6	Storm Water Pollution Control	LS	1	\$ 4,000.00	\$ 4,000.00	\$ 1,500.00	\$ 1,500.00	\$ 3,275.00	\$ 3,275.00
7	Asbuilt Drawings	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 700.00	\$ 700.00	\$ 725.00	\$ 725.00
	Subtotal Miscellaneous				\$ 36,900.00		\$ 16,400.00		\$ 17,785.00
B	Water Improvements								
1	Install new 8" Water Main	LF	722	\$ 85.00	\$ 61,370.00	\$ 105.00	\$ 75,810.00	\$ 128.00	\$ 92,416.00
2	Install new 6" Water Main	LF	674	\$ 70.00	\$ 47,180.00	\$ 125.00	\$ 84,250.00	\$ 124.00	\$ 83,576.00
3	Install 1" Water Service w/ Valve	EA	26	\$ 1,200.00	\$ 31,200.00	\$ 1,400.00	\$ 36,400.00	\$ 2,700.00	\$ 70,200.00
4	Connect New Water Service to Buildings	EA	27	\$ 1,200.00	\$ 32,400.00	\$ 700.00	\$ 18,900.00	\$ 500.00	\$ 13,500.00
5	Install 1" Extended Water Service	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 4,700.00	\$ 4,700.00	\$ 4,300.00	\$ 4,300.00
6	Install 8" Gate Valve	EA	4	\$ 1,100.00	\$ 4,400.00	\$ 2,600.00	\$ 10,400.00	\$ 1,250.00	\$ 5,000.00
7	Install 6" Gate Valve	EA	1	\$ 675.00	\$ 675.00	\$ 2,300.00	\$ 2,300.00	\$ 1,100.00	\$ 1,100.00
8	Install Fire Hydrant Assembly	EA	1	\$ 3,000.00	\$ 3,000.00	\$ 5,600.00	\$ 5,600.00	\$ 3,250.00	\$ 3,250.00
	Subtotal Water				\$ 182,725.00		\$ 238,360.00		\$ 273,342.00
C	Storm Drain Improvements								
1	Install new 12" Storm Drain	LF	61	\$ 80.00	\$ 4,880.00	\$ 165.00	\$ 10,065.00	\$ 139.00	\$ 8,479.00
2	Install SICB	EA	2	\$ 1,200.00	\$ 2,400.00	\$ 1,500.00	\$ 3,000.00	\$ 1,675.00	\$ 3,350.00
3	Abandon Existing Storm Drain	LF	65	\$ 25.00	\$ 1,625.00	\$ 25.00	\$ 1,625.00	\$ 35.00	\$ 2,275.00
4	Install New Storm Drain Manhole	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 6,300.00	\$ 6,300.00	\$ 3,600.00	\$ 3,600.00
	Subtotal Storm Drain Improvements				\$ 11,405.00		\$ 20,990.00		\$ 17,704.00
D	Street & Landscape Improvements								
1	Sidewalk Repair	SF	3,115	\$ 6.00	\$ 18,690.00	\$ 14.00	\$ 43,610.00	\$ 10.00	\$ 31,150.00
2	Handicap Ramps	EA	4	\$ 7,500.00	\$ 30,000.00	\$ 3,000.00	\$ 12,000.00	\$ 1,600.00	\$ 6,400.00
3	Replace Existing Landscape Improvements Damaged during Water service connection	EA	27	\$ 500.00	\$ 13,500.00	\$ 200.00	\$ 5,400.00	\$ 910.00	\$ 24,570.00
4	Provisions for maintaining Temporary Access to Driveways	LS	1	\$ 4,500.00	\$ 4,500.00	\$ 500.00	\$ 500.00	\$ 6,300.00	\$ 6,300.00
5	Remove and Replace Street Signs	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 500.00	\$ 500.00	\$ 749.00	\$ 749.00
	Subtotal Street & Landscape Improvements				\$ 67,690.00		\$ 62,010.00		\$ 69,169.00
	TOTAL				\$ 298,720.00		\$ 337,760.00		\$ 378,000.00

RESOLUTION NO. 2005-220

A RESOLUTION OF THE LODI CITY COUNCIL AWARDING THE CONTRACT
FOR LOCKEFORD STREET WATER MAIN (CHURCH STREET TO
SACRAMENTO STREET) AND OLIVE COURT WATER MAIN REPLACEMENT
(PLEASANT AVENUE TO CHURCH STREET) PROJECT, AND FURTHER
APPROPRIATING ADDITIONAL FUNDS FOR THE PROJECT

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WHEREAS, in answer to notice duly published in accordance with law and the order of this City Council, sealed bids were received and publicly opened on September 21, 2005, at 11:00 a.m., for the Lockeford Street Water Main (Church Street to Sacramento Street) and Olive Court Water Main Replacement (Pleasant Avenue to Church Street) Project, described in the specifications therefore approved by the City Council on July 20, 2005; and

WHEREAS, said bids have been compared, checked, and tabulated and a report thereof filed with the City Manager as follows:

<u>Bidder</u>	<u>Location</u>	<u>Bid</u>
Engineering Estimate		\$ 298,720
Arrow Construction Company	Ceres, CA	\$ 337,760
Preston Pipelines, Inc.	Milpitas, CA	\$ 380,000

WHEREAS, the City Manager recommends award of the contract for the Lockeford Street Water Main (Church Street to Sacramento Street) and Olive Court Water Main Replacement (Pleasant Avenue to Church Street) Project to Arrow Construction Company, of Ceres, California, in the amount of \$337,760; and

WHEREAS, the City Manager further recommends appropriating additional funds in the amount of \$108,000 as follows:

Water Utility Capital Outlay Fund	\$78,000
Wastewater Utility Capital Outlay Fund	\$30,000

NOW, THEREFORE, BE IT RESOLVED that the Lodi City Council does hereby award the contract for Lockeford Street Water Main (Church Street to Sacramento Street) and Olive Court Water Main Replacement (Pleasant Avenue to Church Street) Project to Arrow Construction Company, of Ceres, California, in the amount of \$337,760; and

BE IT FURTHER RESOLVED that additional funds in the amount of \$108,000 be appropriated as outlined above for this project:

Dated: October 19, 2005

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I hereby certify that Resolution No. 2005-220 was passed and adopted by the City Council of the City of Lodi in a regular meeting held October 19, 2005, by the following vote:

AYES:	COUNCIL MEMBERS – Hansen, Hitchcock, Johnson, Mounce, and Mayor Beckman
NOES:	COUNCIL MEMBERS – None
ABSENT:	COUNCIL MEMBERS – None
ABSTAIN:	COUNCIL MEMBERS – None


SUSAN J. BLACKSTON
City Clerk